**Amendments To The Claims:** 

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

(previously presented) Pump device for the hydraulic actuation of a valve, in particular for a 1.

valve used in the production of crude oil or natural gas, such as a safety valve assigned to a pipeline

or a tree, the pump device comprising:

a piston-cylinder unit from which hydraulic fluid can be pumped in the direction of the valve under

pressure; and an electrical drive device movably connected to the piston of the piston-cylinder unit for

the alternating movement of the piston in a piston longitudinal direction inside the cylinder.

2. (previously presented) Pump device according to claim 1, wherein the electrical drive device

includes a spindle drive, a reduction gear, a spur gear and at least one drive shaft with at least one

electric motor rotating the drive shaft.

3. (previously presented) Pump device according to claim 1, wherein the spindle drive includes

a rotatable, but axially immovable spindle nut and an axially movable threaded spindle.

4. (previously presented) Pump device according to claim 1, wherein the threaded spindle is

releasably connected at its actuating end to the piston.

5. (previously presented) Pump device according to claim 1, wherein the spindle nut is movably

connected to the reduction gear.

6. (previously presented) Pump device according to claim 39, wherein the spindle nut is

rotationally rigidly connected to a flexible, cup-shaped toothed sleeve of the harmonic drive gear.

(previously presented) Pump device according to claim 6, wherein a rotating sleeve, which is 7.

rotationally rigidly connected at one end to the toothed sleeve and at its other end to the spindle nut,

is arranged between the toothed sleeve and the spindle nut.

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8. (previously presented) Pump device according to claim 39, wherein a wave generator of the

harmonic drive gear is rotationally rigidly connected to a first spur wheel of a helically toothed spur

gear and a second spur wheel is rotationally rigidly arranged on the drive shaft driven by the motor.

9. (previously presented) Pump device according to claim 8, wherein the spur gear is a double

helical gear.

10. (previously presented) Pump device according to claim 1, wherein the piston is adjustably

supported in a piston chamber of the cylinder in the piston longitudinal direction, whereby the piston

chamber exhibits on its face side at least one suction and one discharge hole.

11. (previously presented) Pump device according to claim 10, wherein each hole is assigned a

non-return valve, which is subjected to a force opposite to the hydraulic fluid flow direction through

the respective hole.

12 (previously presented) Pump device according to claim 1, wherein the holes are formed in a

cylinder bottom plate releasably fixed on the cylinder.

13. (previously presented) Pump device according to claim 10, wherein the suction hole opens

into an intermediate reservoir of the pump device with its end facing away from the piston.

14. (previously presented) Pump device according to claim 13, wherein a feed pipe for the

hydraulic fluid opens into the intermediate reservoir.

15. (previously presented) Pump device according to claim 10, wherein the discharge hole is

connected to a discharge pipe for the passage of the hydraulic fluid in the direction of the valve.

16. (previously presented) Pump device according to claim 10, wherein the discharge pipe is

brought out through the intermediate reservoir from a pump housing.

17. (previously presented) Pump device according to claim 16, wherein a connecting pipe

branches from the discharge pipe for the connection of an accumulator.

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18. (previously presented) Pump device according to claim 17, wherein the accumulator exhibits

a pressure vessel in particular in the form of Belleville springs.

19 (previously presented) Pump device according to claim 17, wherein at least one branch pipe

branches from the discharge pipe and / or the discharge hole.

20. (previously presented) Pump device according to claim 19, wherein a first branch pipe leads

to a pressure switch.

21. (previously presented) Pump device according to claim 20, wherein on reaching a

predetermined hydraulic fluid pressure in the first branch pipe, the pressure switch outputs an

electrical control signal for opening a safety valve.

22. (previously presented) Pump device according to claim 21, wherein the safety valve is

arranged in a second branch pipe.

23. (previously presented) Pump device according to claim 21, wherein the safety valve is

formed as a mechanically actuatable non-return valve.

24. (previously presented) Pump device according to claim 21, wherein the electrical control

signal can be transferred to an electric servomotor through which the safety valve can be

mechanically actuated.

25. (previously presented) Pump device according to claim 24, wherein a pinion is drive-

connected to the servomotor, the pinion being rotationally connected to a cam disc, whereby an

actuating plunger of the safety valve is in contact with the cam disc.

26. (previously presented) Pump device according to claim 25, wherein the cam disc includes at

least an actuating cam along its circumference.

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27. (previously presented) Pump device according to claim 25, wherein the actuating plunger is

a roller plunger, which with its roller is in rolling contact with a circumferential surface of the cam

disc.

28. (previously presented) Pump device according to claim 27, wherein the roller plunger is

subject to spring pressure in the direction of the cam disc.

29 (previously presented) Pump device according to claim 25, wherein the cam disc and / or the

servomotor is assigned an automatic reverse rotation device for the reverse rotation of the cam disc.

30. (previously presented) Pump device according to claim 29, wherein a wound or spiral spring

is assigned to the servomotor as a reverse rotation device, which can be transferred by actuation of

the servomotor for opening the safety valve from an essentially destressed state into a stressed state.

31. (previously presented) Pump device according to claim 30, wherein the wound / spiral spring

is drive connected on the rear side of the servomotor facing away from the pinion to the servomotor.

32. (previously presented) Pump device according to claim 13, wherein a feedback pipe for the

feedback of the hydraulic fluid when the safety valve is open runs from the safety valve to the

intermediate reservoir.

33. (previously presented) Pump device according to claim 1, wherein the pump device is of

modular construction.

34. (previously presented) Pump device according to claim 25, wherein the cam disc is

rotationally supported on an external circumference of the rotating sleeve.

35. (previously presented) Pump device according to claim 1, wherein a quick-release coupling

device is arranged between the pump housing and a hydraulic fluid supply pipe.

36. (previously presented) Pump device according to claim 1, wherein at least two servomotors

are arranged redundantly with respect to one another

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37. (previously presented) Pump device according to claim 1, wherein the hydraulic fluid is an

injection fluid.

38 (previously presented) Pump device according to claim 3, wherein a position sensor is

assigned to at least the threaded spindle.

39. (previously presented) Pump device according to claim 5, wherein the reduction gear is a

harmonic drive gear.

40 (previously presented) Pump device according to claim 24, wherein the electric servomotor is a

stepper motor.

41. (previously presented) Pump device according to claim 30, wherein the wound or spiral spring is

a clockwork spring.

42. (previously presented) Pump device according to claim 37, wherein the injection fluid is an

inhibitor

43. (previously presented) Pump device for the hydraulic actuation of a safety valve on a pipeline

or tree used in the production of hydrocarbons, the pump device comprising:

a body with a cylinder housing a piston such that hydraulic fluid can be pumped under

pressure in the cylinder in the direction of the safety valve; and

an electrical drive device movably connected to the piston of the piston to move the piston in

a longitudinal direction inside the cylinder upon the hydrocarbons reaching a predetermined pressure.

44. (new) A pump apparatus for a subsea tree used in the production of hydrocarbons, the pump

apparatus comprising:

a power source at a surface of the sea;

a pump to pump hydraulic fluid under pressure into a conduit for hydraulic actuation;

an electrical drive device movably connected to the pump to drive the pump; and

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an electrical cable connecting the power at the sea surface to the electrical drive device at the subsea tree.

- 45. (new) The pump apparatus of claim 44 further including a hydraulic source located subsea and the pump communicating with the hydraulic source to pump the hydraulic fluid.
- 46. (new) The pump apparatus of claim 44 wherein the pump and electrical drive device are adapted for releasable connection to the subsea tree.